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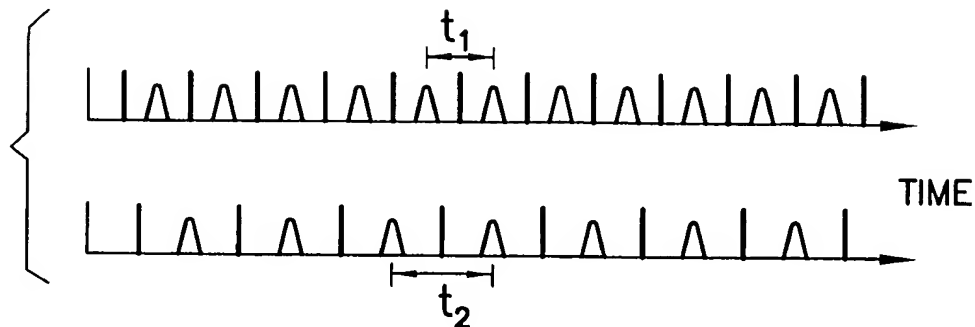


FIG. 1A
PRIOR ART

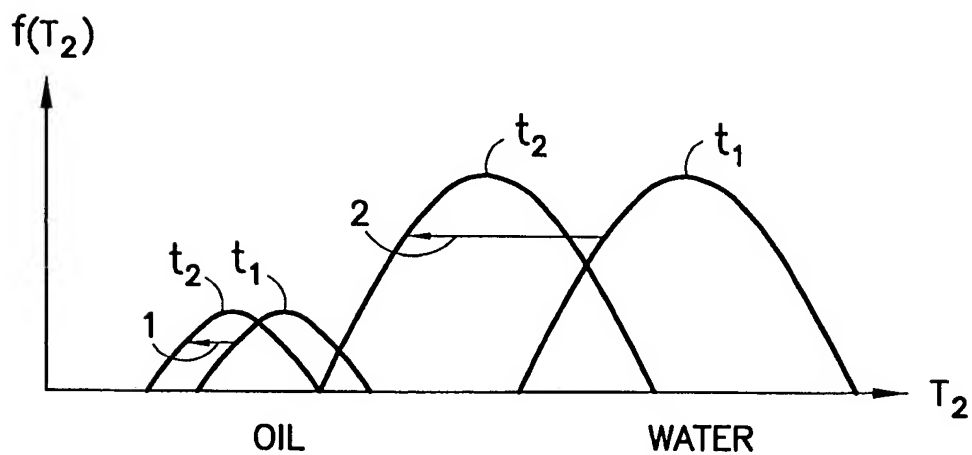


FIG. 1B
PRIOR ART

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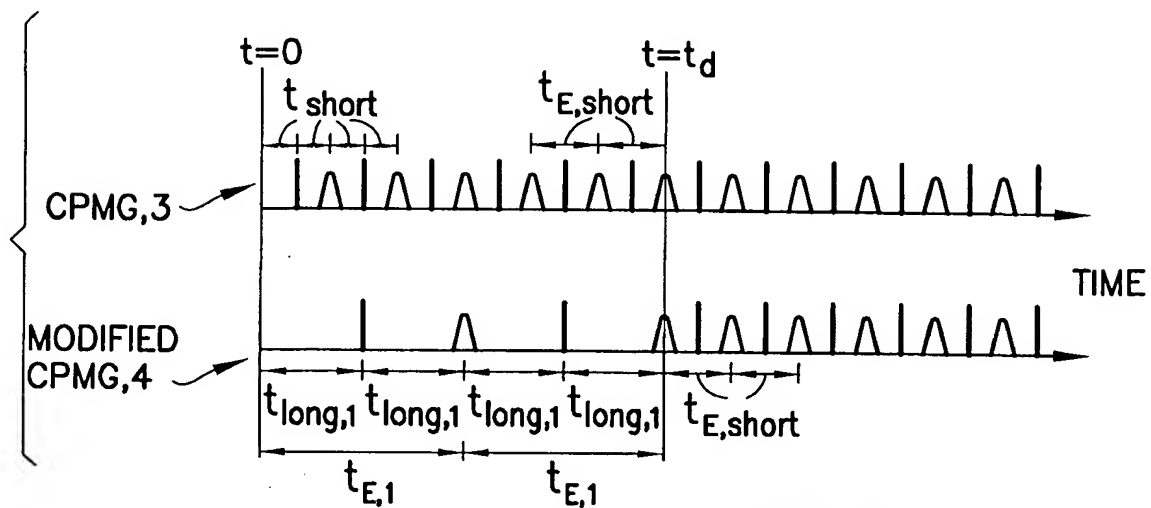


FIG.2A

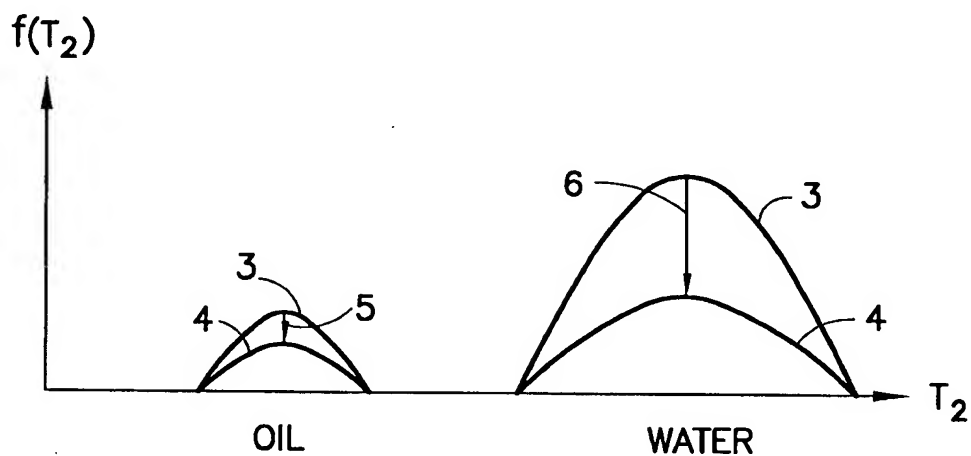


FIG.2B

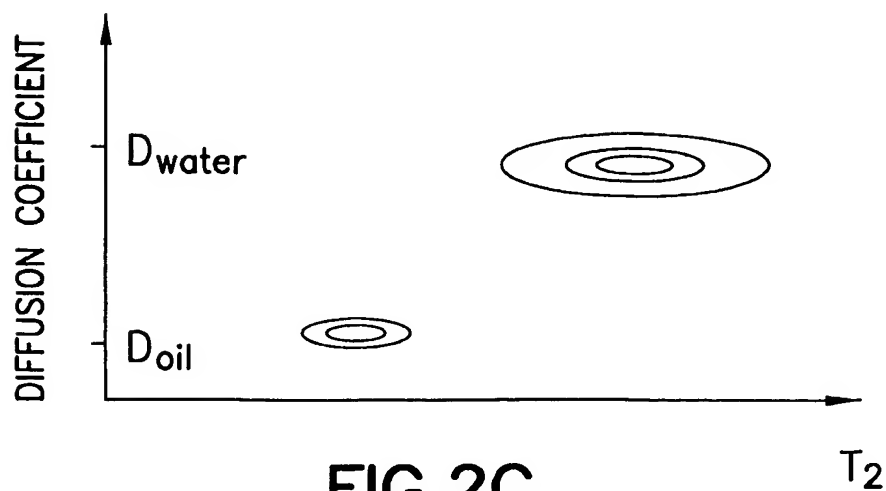
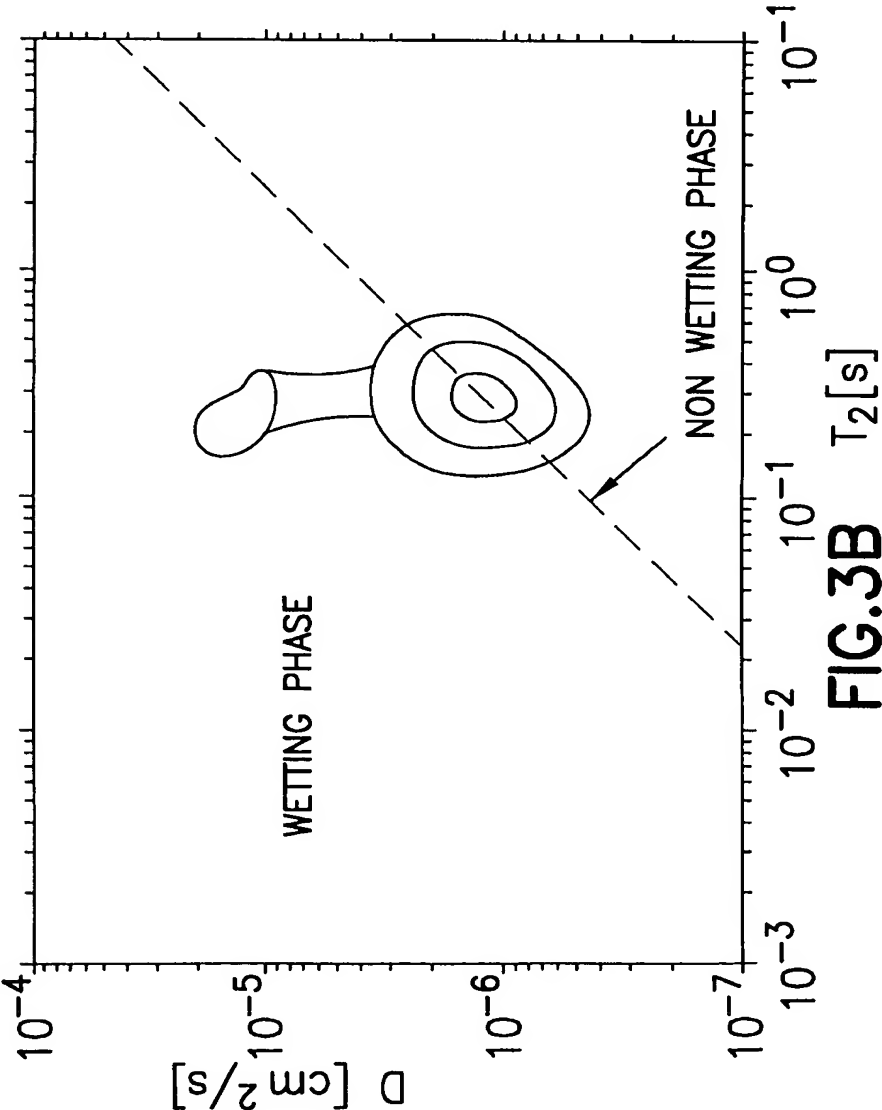
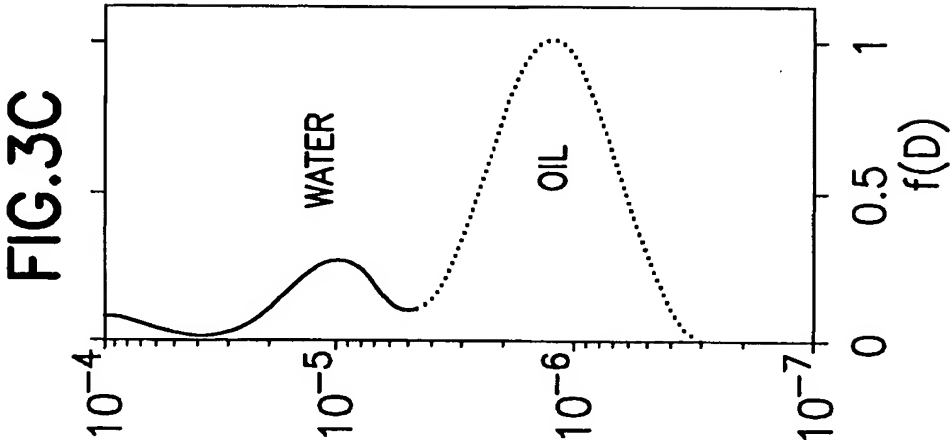
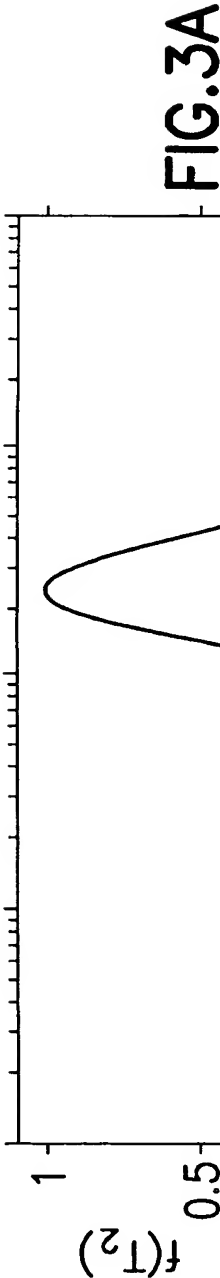


FIG.2C



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WATER SATURATED

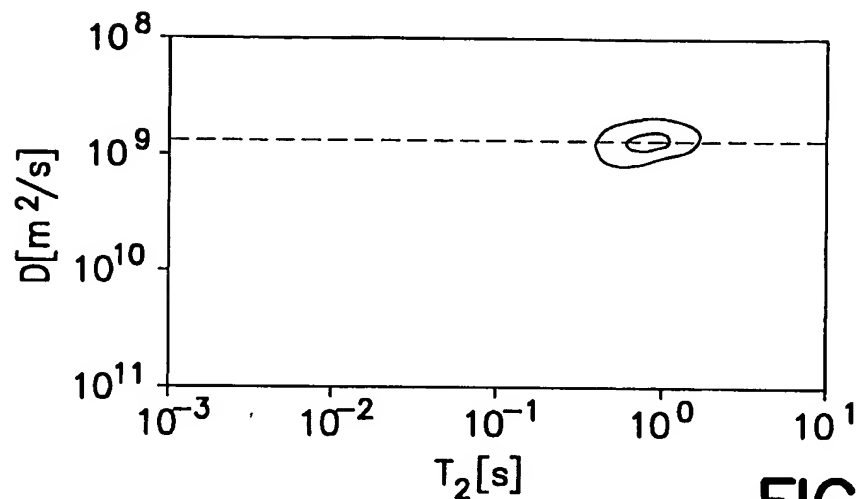


FIG.4A

DRAINAGE

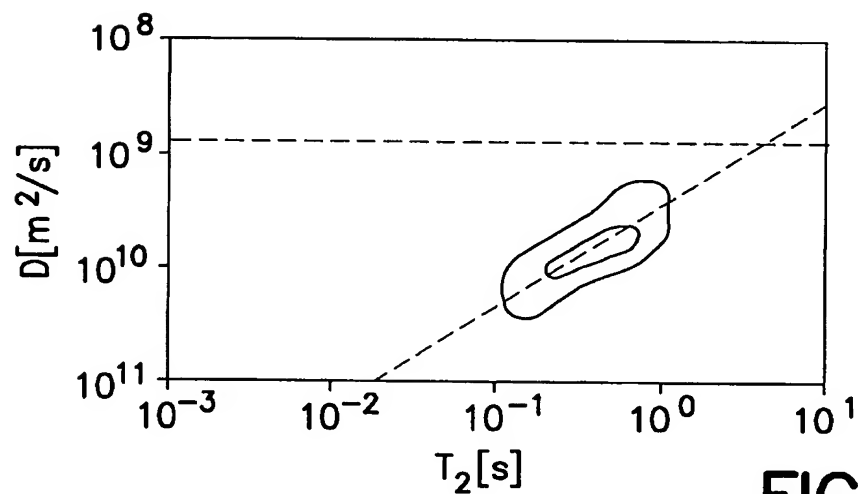


FIG.4B

IMBIBITION

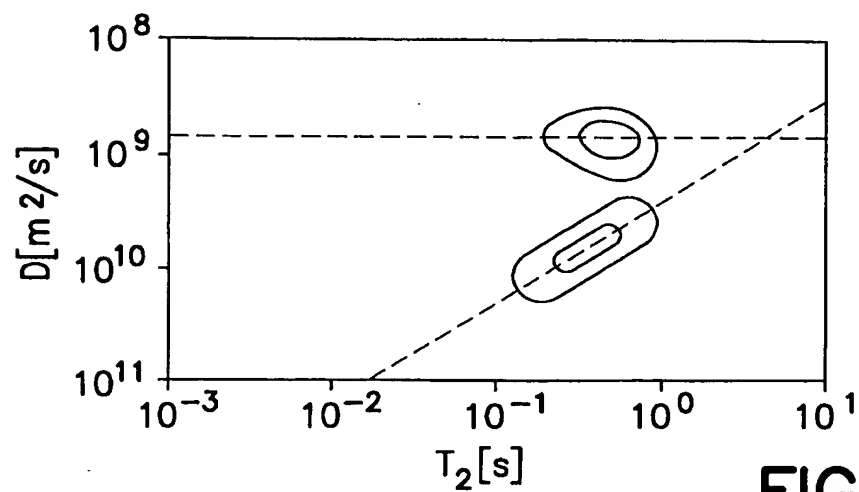
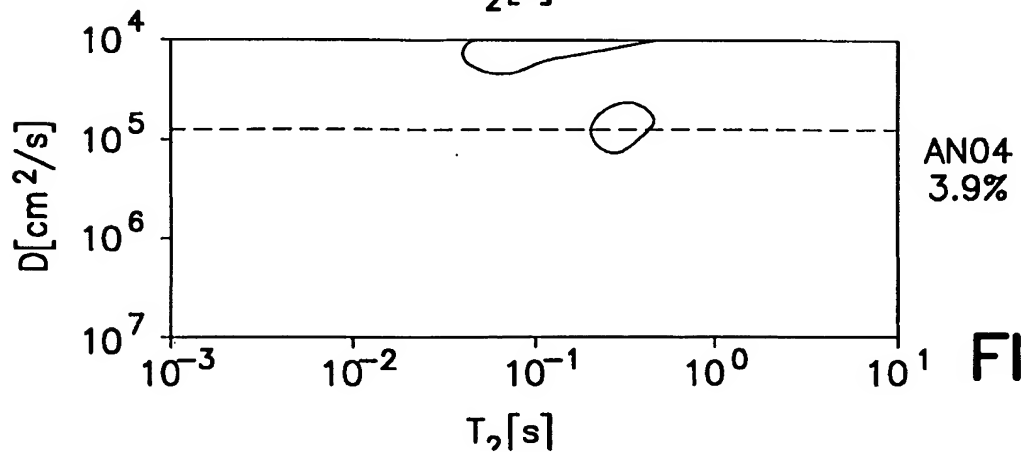
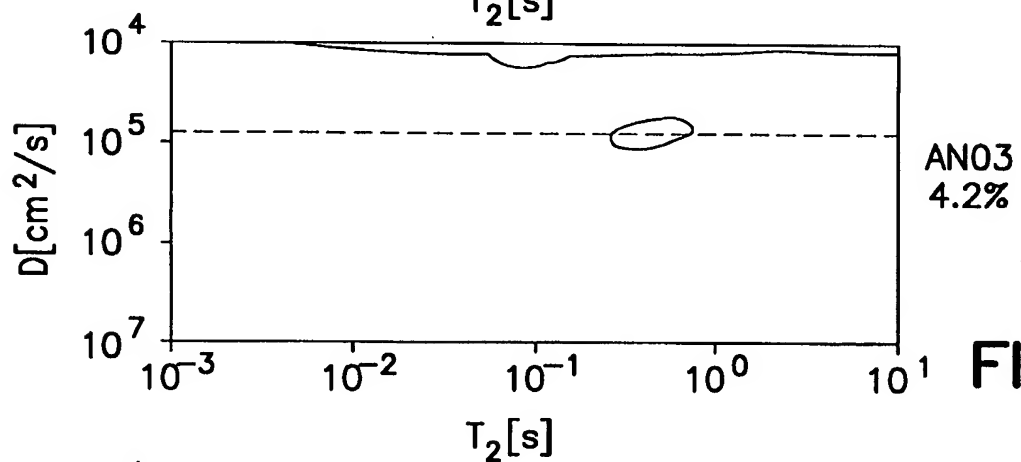
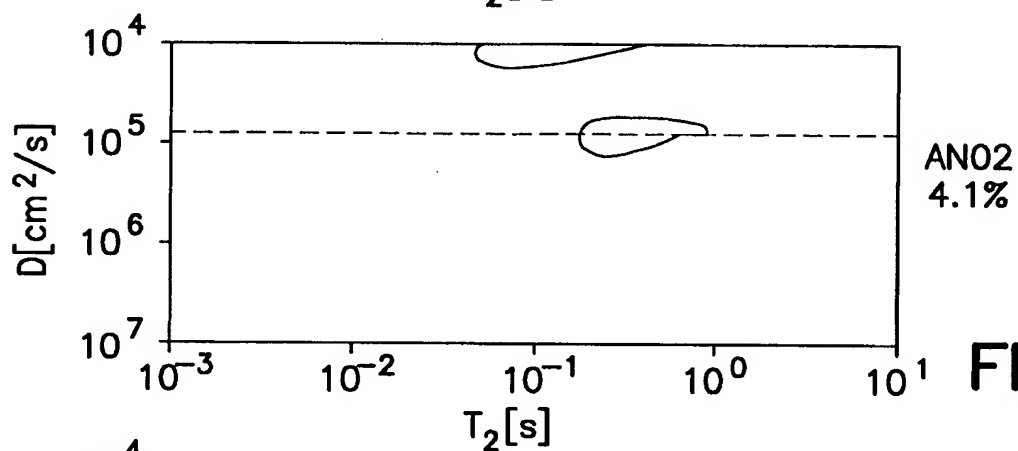
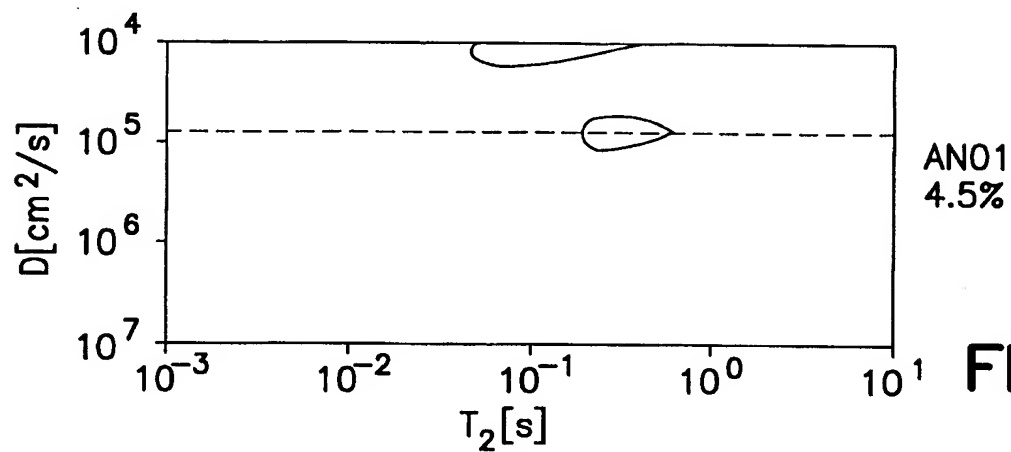
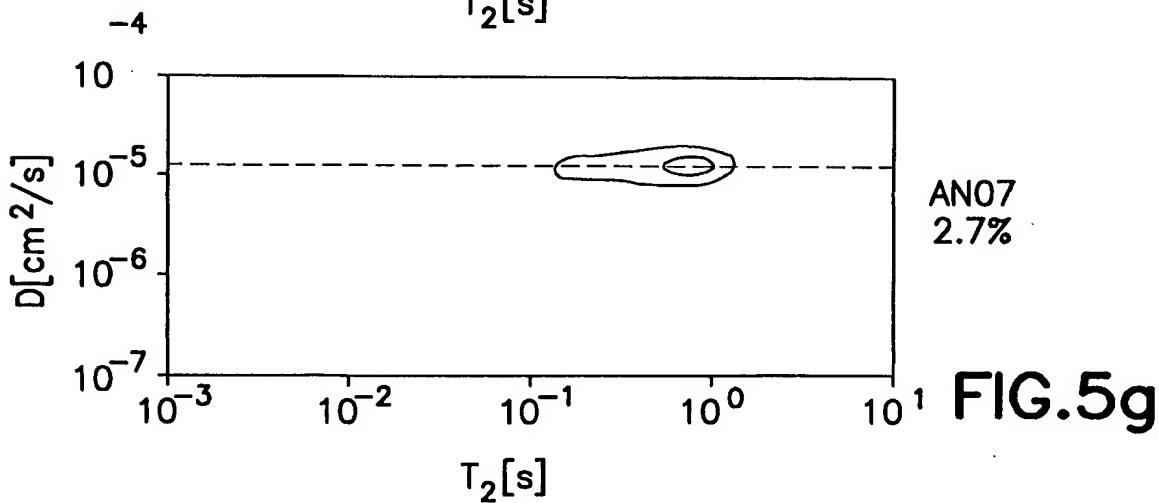
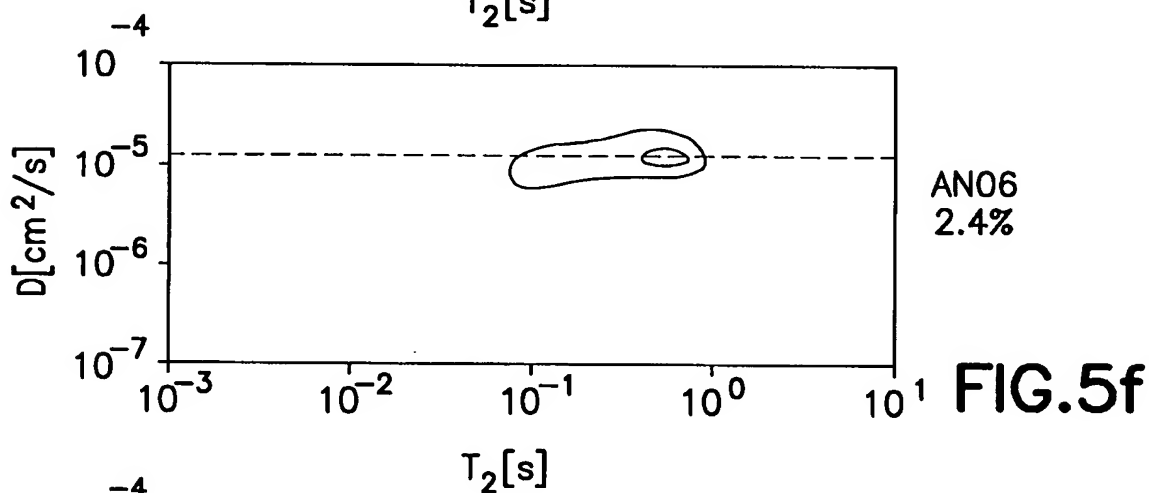
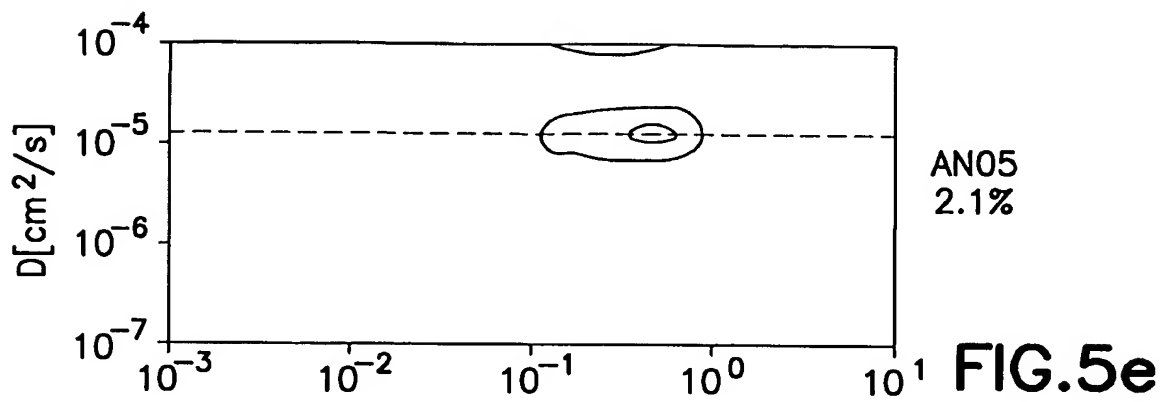


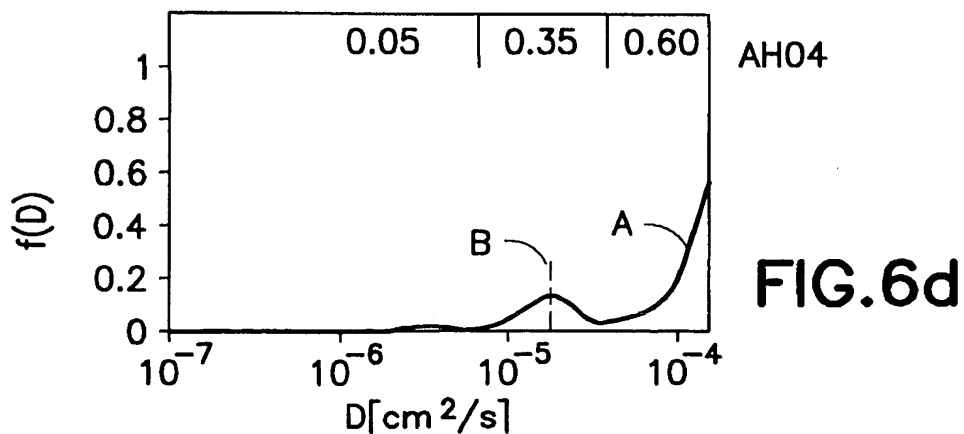
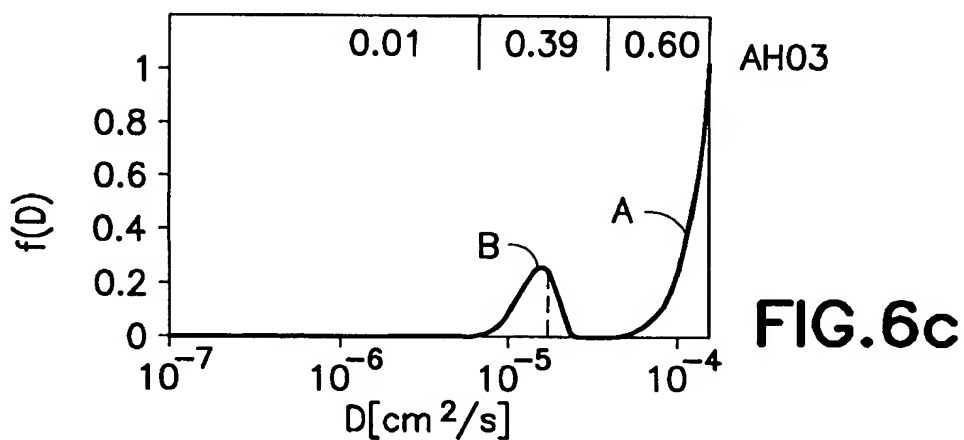
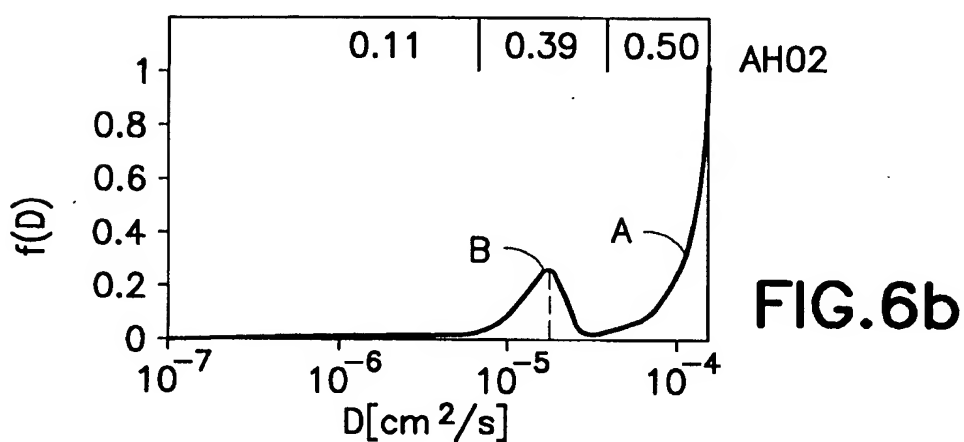
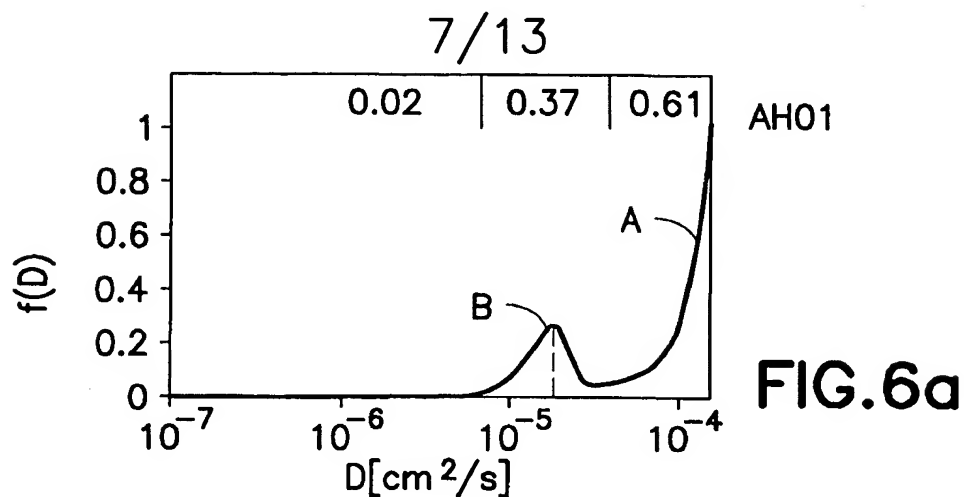
FIG.4C

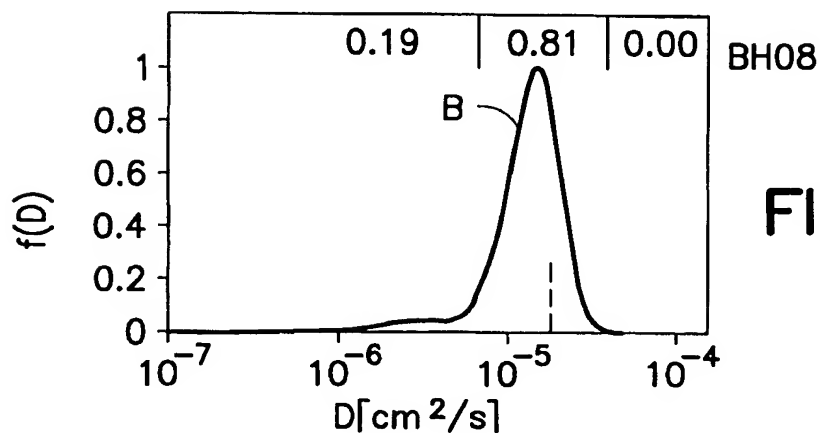
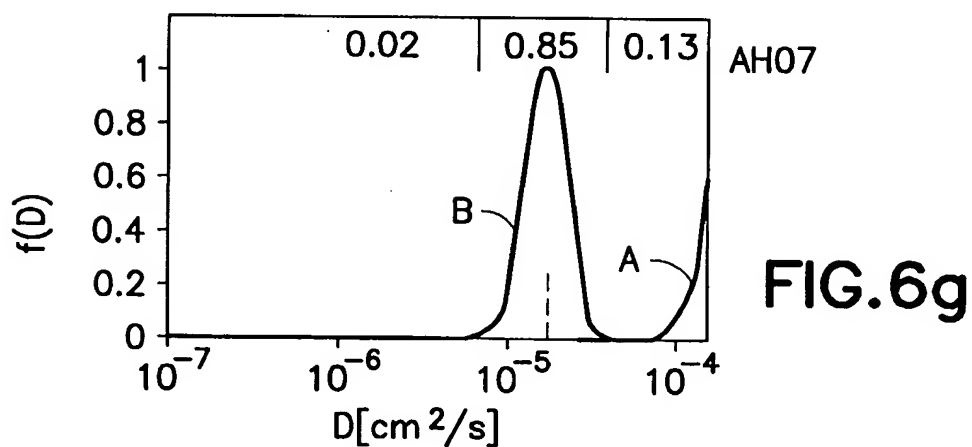
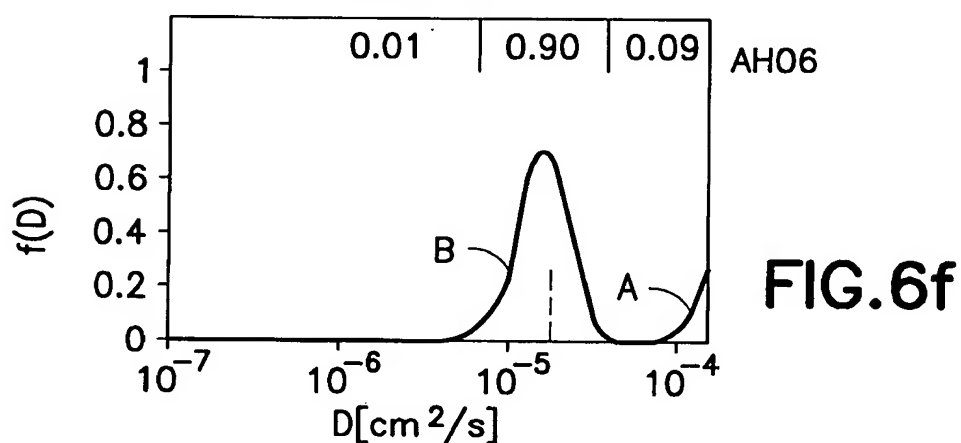
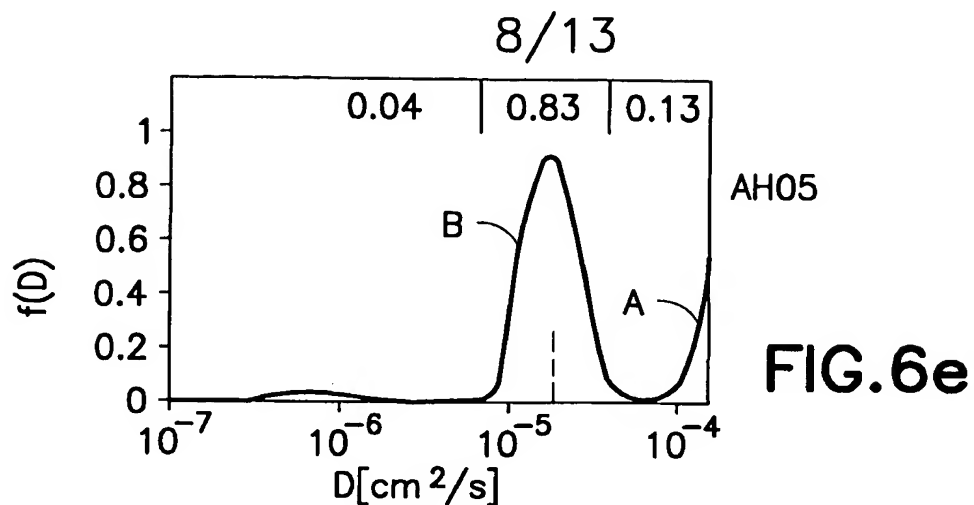
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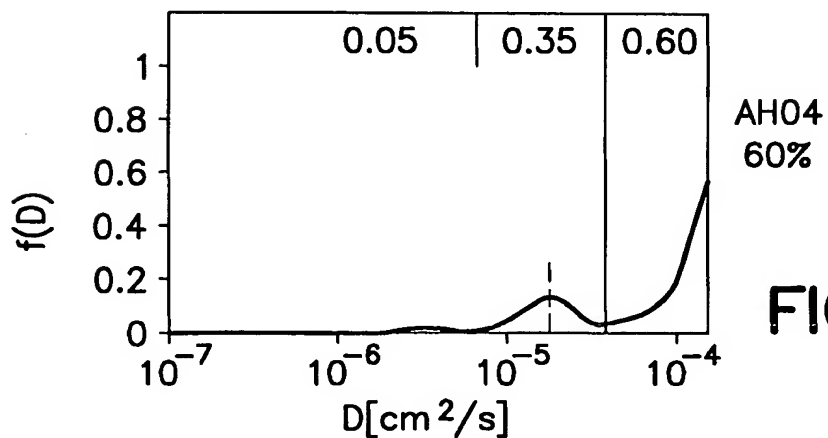
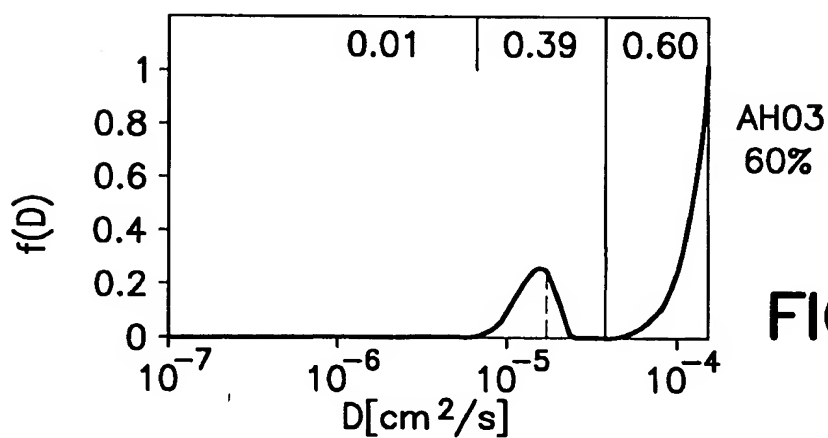
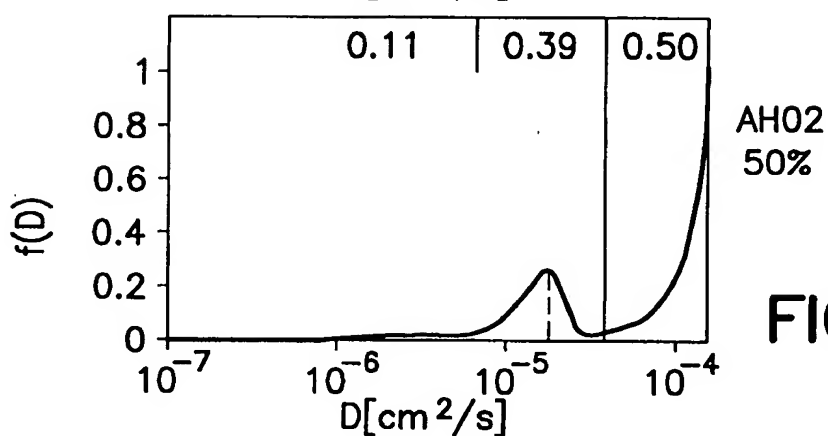
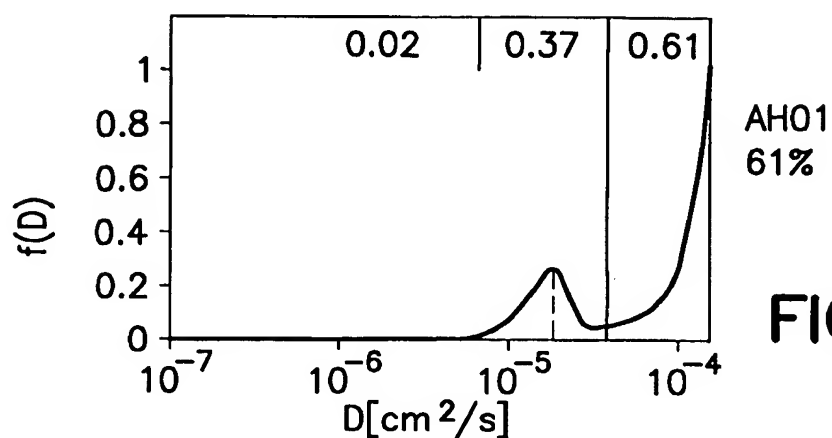
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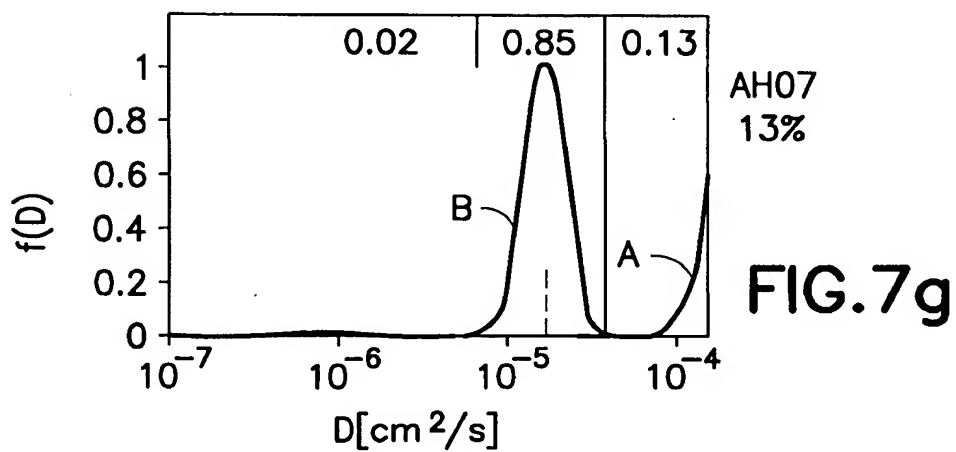
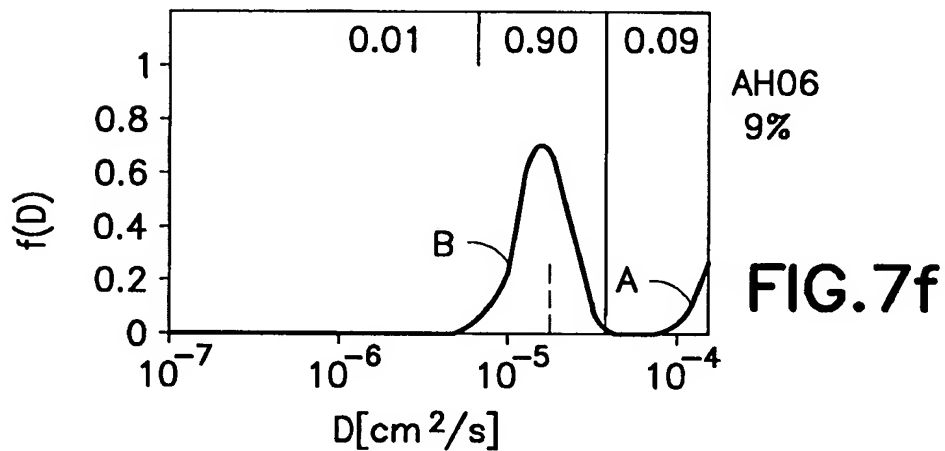
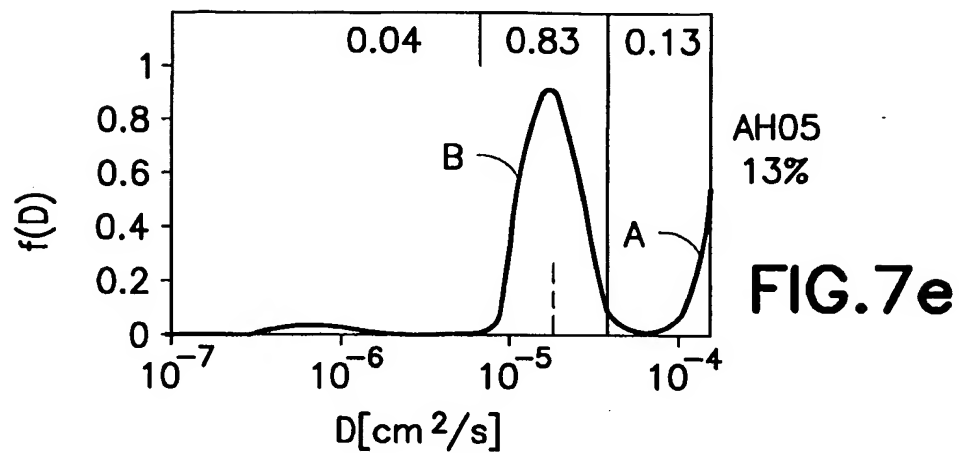




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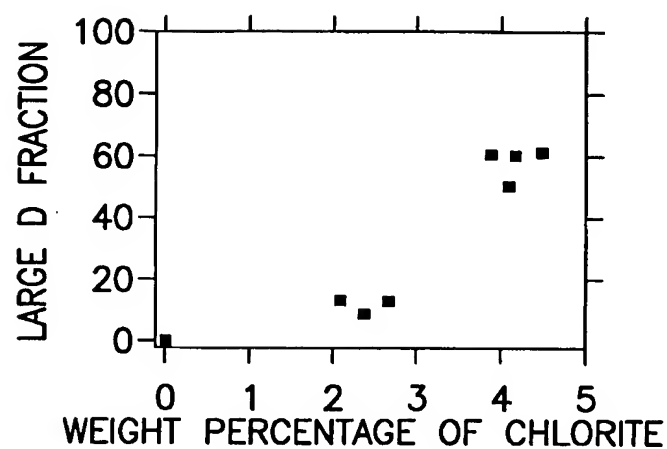


FIG.7h

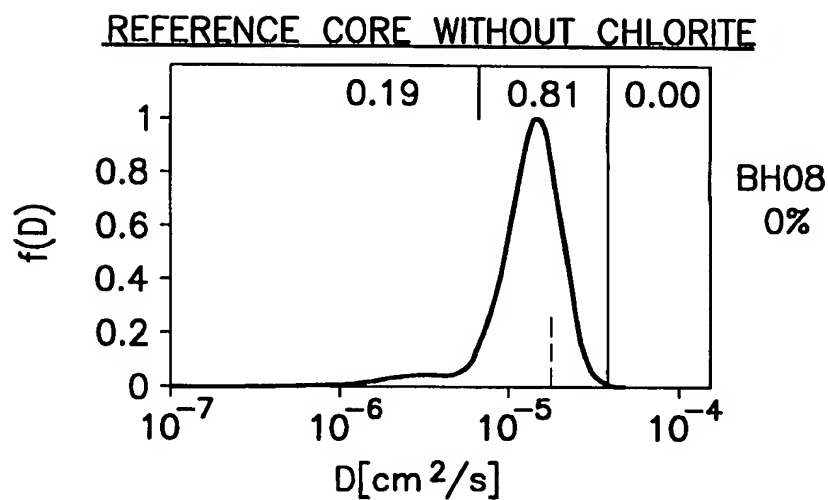
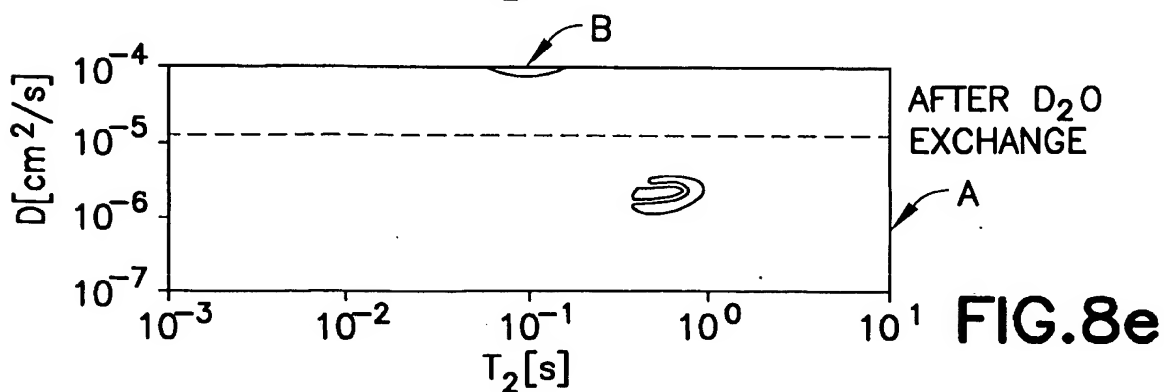
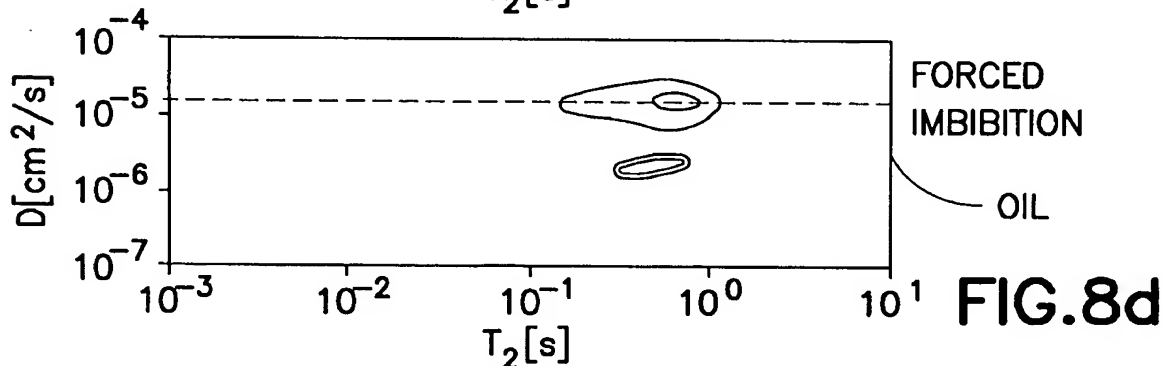
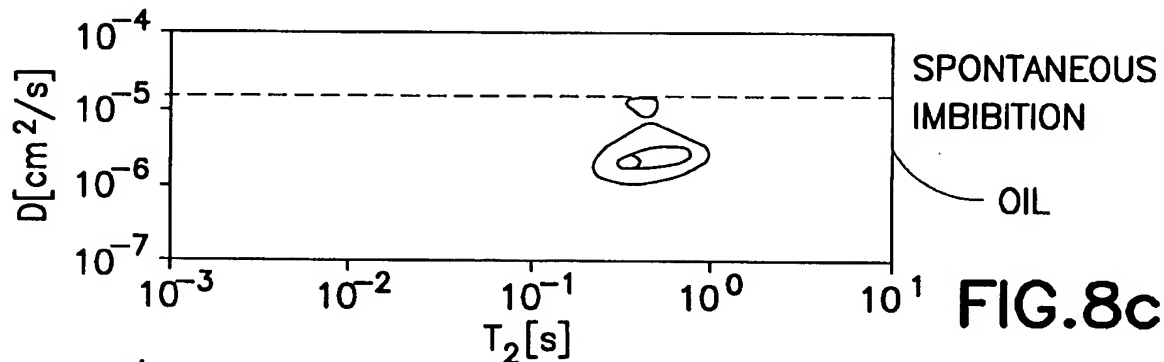
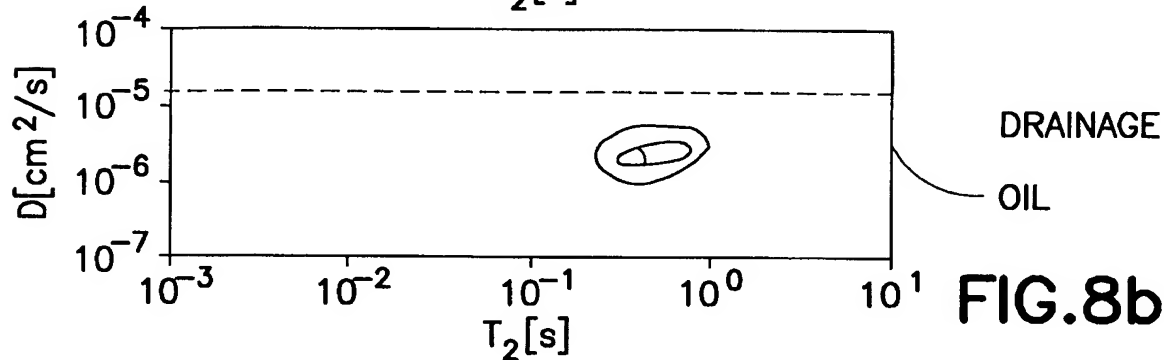
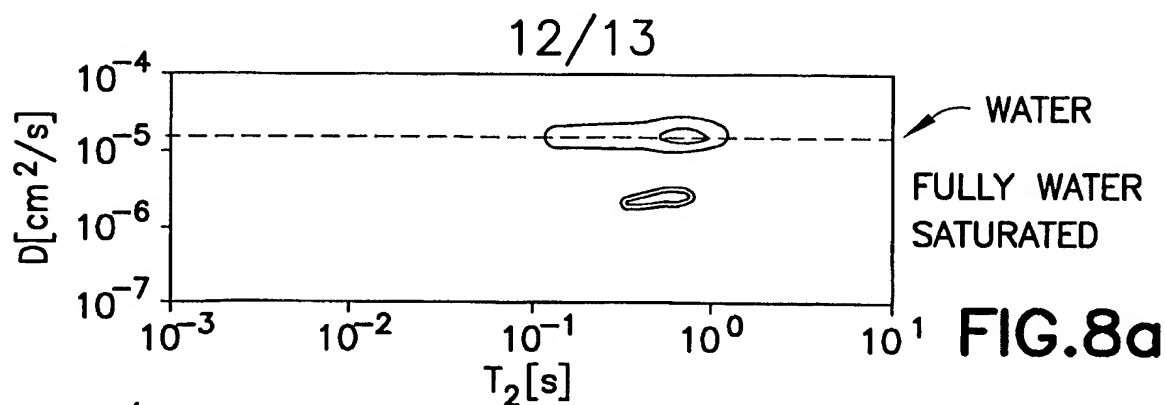


FIG.7i



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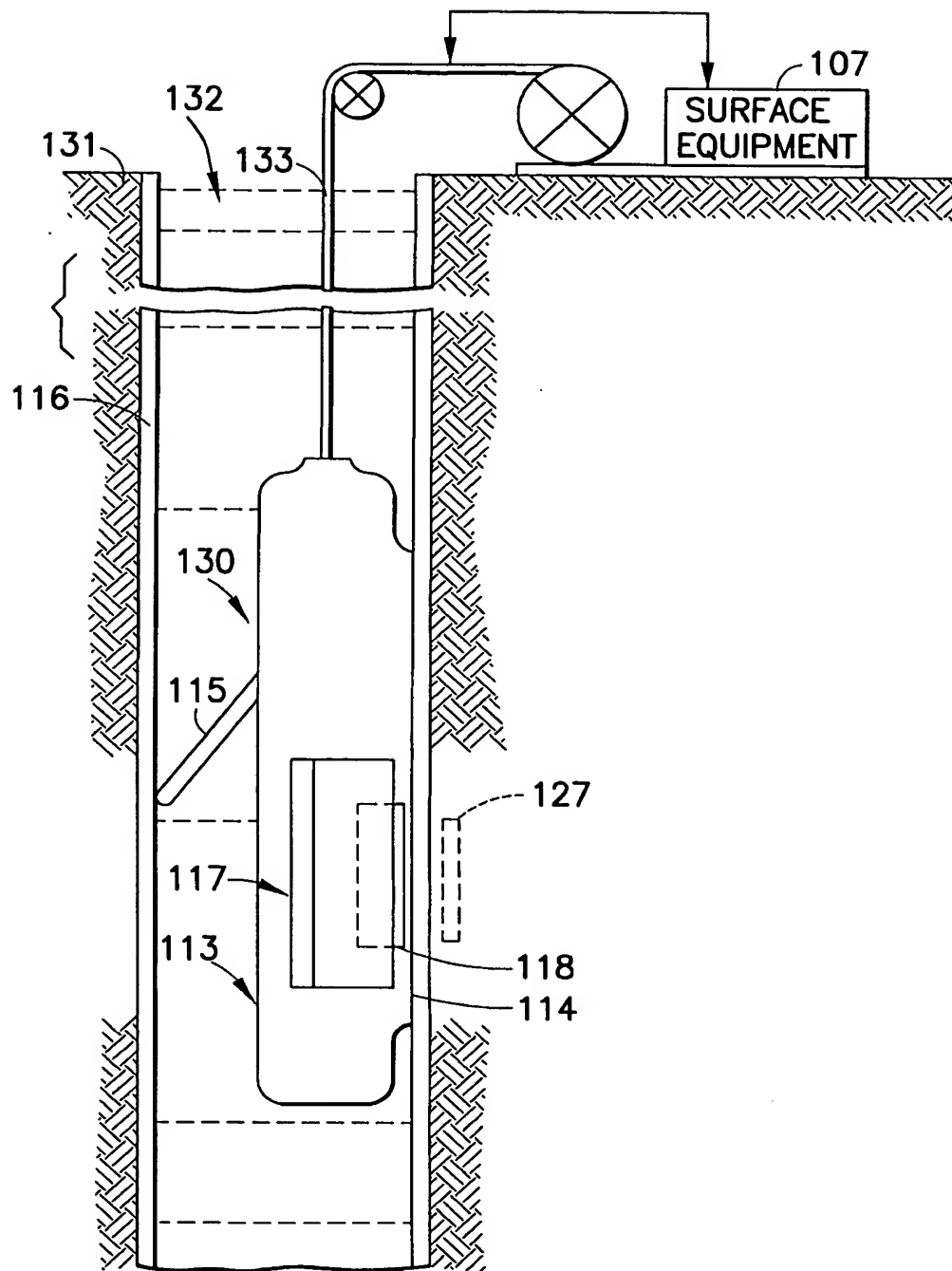


FIG.9
PRIOR ART